

DEPARTMENT OF TRANSPORTATION

DIVISION OF ENGINEERING SERVICES

Office of Structural Materials

Quality Assurance and Source Inspection



Bay Area Branch
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Contract #: 04-0120F4Cty: SF/ALA Rte: 80 PM: 13.2/13.9File #: 69.28**WELDING INSPECTION REPORT****Resident Engineer:**Pursell, Gary**Address:** 333 Burma Road**City:** Oakland, CA 94607**Report No:** WIR-005088**Date Inspected:** 30-Dec-2008**Project Name:** SAS Superstructure**OSM Arrival Time:** 645**Prime Contractor:** American Bridge/Fluor Enterprises, a JV**OSM Departure Time:** 1845**Contractor:** Zhenhua Port Machinery Company, Ltd (ZPMC), Changxing Island **Location:** Shanghai, China

CWI Name: Shi Lei, Bao Lei Zhang
Inspected CWI report: Yes No N/A
Electrode to specification: Yes No N/A
Qualified Welders: Yes No N/A
Approved Drawings: Yes No N/A

CWI Present: Yes No
Rod Oven in Use: Yes No N/A
Weld Procedures Followed: Yes No N/A
Verified Joint Fit-up: Yes No N/A
Approved WPS: Yes No N/A
Delayed / Cancelled: Yes No N/A

Bridge No: 34-0006**Component:** OBG Segments**Summary of Items Observed:**

On this date CALTRANS OSM Quality Assurance (QA) Inspector Dan Hernandez was present during the times noted above for observations relative to the work being performed.

Bay 14 OBG Assembly

This QA Inspector observed the following work in progress:

Segment 1AE

Submerged Arc Welding (SAW) of weld joint SEG004A-006 located on BP310A to BP312A. Welder is identified as 045265. ZPMC QC is identified as Zhang Xiao Ming. The welding variables recorded by QC appeared to comply with the Applicable WPS.

Segment 5BW

Shielded Metal Arc Welding (SMAW) of weld joint SEG023-001 located on CA19A to DP82A. Welder is identified as 067972. ZPMC QC is identified as Wang Wai Ming. The welding variables recorded by QC appeared to comply with the Applicable WPS.

Shielded Metal Arc Welding (SMAW) of weld joint SEG023-008 located on DP627A to DP271A. Welder is identified as 066258. ZPMC QC is identified as Wang Wai Ming. The welding variables recorded by QC appeared to comply with the Applicable WPS.

Shielded Metal Arc Welding (SMAW) of weld joint SSD10A-PP32-008 located on SP416B to BP25A. Welder is identified as 066258. ZPMC QC is identified as Wang Wai Ming. The welding variables recorded by QC appeared to comply with the Applicable WPS.

Segment 4BE

Shielded Metal Arc Welding (SMAW) of weld joint SEG020-037 located on DP48A to EP20B. Welder is identified as 037996. ZPMC QC is identified as Wu Bin. The welding variables recorded by QC appeared to

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comply with the Applicable WPS.

Shielded Metal Arc Welding (SMAW) of weld joint SEG020-038 located on DP48A to EP20A. Welder is identified as 067710 and 04772. ZPMC QC is identified as Wu Bin. The welding variables recorded by QC appeared to comply with the Applicable WPS.

Shielded Metal Arc Welding (SMAW) of weld joint SEG020-039 located on DP48A to EP19B. Welder is identified as 067571 and 067765. ZPMC QC is identified as Wu Bin. The welding variables recorded by QC appeared to comply with the Applicable WPS.

Unless otherwise noted, all observed on this date appeared to generally comply with applicable contract documents.

Summary of Conversations:

No relevant conversations.

Comments

This report is for the purpose of determining conformance with the contract documents and is not for the purpose of making repair or fit for purpose recommendations. Should you require recommendations concerning repairs or remedial efforts please contact Eric Tsang, 150-0042-2372 , who represents the Office of Structural Materials for your project.

Inspected By:	Hernandez,Dan	Quality Assurance Inspector
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Reviewed By:	Clifford,William	QA Reviewer
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